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BOROUGH OF



GILLINGHAM

ANNUAL REPORT

OF THE

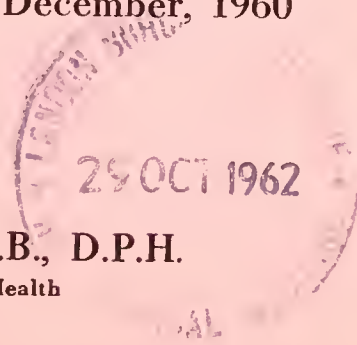
Medical Officer of Health

for the Year ended 31st December, 1960

By

M. L. DUNLOP, M.B., D.P.H.

Medical Officer of Health



1961



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Health Department,
Municipal Buildings,
Gillingham, Kent.

October, 1964.

Telephone: Gillingham 50021

To the Mayor, Aldermen and Councillors.

Mr. Mayor, Ladies and Gentlemen,

I have the honour to submit my Annual Report for the year ending 31st December, 1960.

The birth rate was 16.5 per 1,000 of the civilian population compared with 15.9 in 1959.

The death rate was 9.9 per 1,000 of the civilian population.

The infant mortality rate reached the record low figure of 14.9 per thousand live births, of the 19 who died under one year 13 succumbed in the first month of life.

The incidence of infectious diseases was very low, there were again no cases of Poliomyelitis or Diphtheria reported. I would however urge that advantage should be taken of the vaccination services available.

On the 1st April, the Corporation took over on a delegated basis the greater part of its present health functions from the County Council. Many of the statistics in this report refer therefore to the last 9 months of the year.

A number of the county staff were also delegated to the Borough.

I would like to express my appreciation of the co-operation received from Dr. A. Elliott, the County Medical Officer, and his staff during this transfer of responsibilities.

I am also indebted to Mr. S. Pett and the Clerical Staff for the smooth working of the Department through this transitional period and for the valuable assistance received from all members of the Staff.

My thanks are due to the Chairman and members of the Health Committee for the support given to me.

I am,

Mr. Mayor, Ladies and Gentlemen,

Your obedient servant,

M. L. DUNLOP,

Medical Officer of Health.

STAFF PUBLIC HEALTH, SCHOOL HEALTH SERVICE, AND COUNTY COUNCIL DELEGATED HEALTH SERVICES

Medical Officer of Health:

Meta L. Dunlop, M.B., B.Ch., D.P.H.

Assistant Medical Officers: (S.H.S./D.H.S.)

A. L. Kelly, B.A., M.B., B.Ch., B.A.O. (part-time)
L. M. Corall, M.B., D.P.H. (part-time)
N. Browne, B.A., M.B., B.Ch., B.A.O. (part-time)
J. Ruffell, M.B., Ch. B., (part-time)
C. Wisdom, M.R.C.S., L.R.C.P., M.B., B.S. (part-time)
R. Nicol, M.R.C.S., L.R.C.P., (part-time)

Ophthalmologist: (S.H.S.)

J. D. Clark, M.R.C.S., L.R.C.P., D.O.M.S. (part-time)

Dental Surgeons: (S.H.S.)

William C. Griffiths, L.D.S., R.C.S. (retired—16.10.60—
resumed part-time October 1960)
H. Causey, L.D.S. (part-time)
D. W. Kyle, B.D.S. (part-time)
J. L. Melville, B.D.S. (part-time)
A. W. Wallace, L.D.S. (part-time)

Chief Public Health Inspector:

F. J. Hedgecock, M.R.S.H., M.A.P.H.I., Cert. Inst. Mun. E.

Senior Public Health Inspector:

R. C. Langley, M.A.P.H.I.

Public Health Inspectors:

F. G. Barney, A.R.S.H., M.A.P.H.I.
H. Moule, C.R.S.H. (commenced 25.4.60)
N. Smith, M.A.P.H.I.
G. J. H. Roscow, A.R.S.H., M.A.P.H.I.
B. Clark, M.A.P.H.I. (commenced 1.9.60)

Health Visitors: (D.H.S./S.H.S.)

E. W. Jordan, S.R.N., S.C.M., Health Visitor's Cert.
N. Legg, S.R.N., S.C.M., Health Visitor's Cert.
P. W. May, S.R.N., S.C.M., Health Visitor's Cert.
J. Tombleson, S.R.N., S.C.M., Health Visitor's Cert.
D. G. Purt, S.R.N., S.C.M., Health Visitor's Cert.
F. M. Tomlin, S.R.N., S.C.M., Health Visitor's Cert.
H. V. Wilson, S.R.N., S.C.M., Health Visitor's Cert.
R. Wood, S.R.N., S.C.M., Health Visitor's Cert.
P. C. D. Brenton, S.R.N., S.C.M., Health Visitor's Cert. (part-time)

District Nurses: (D.H.S.)

M. K. Barcham, S.R.N.
A. M. Darley, S.R.N.
E. C. Davidson, S.R.N.
J. P. Davis, S.R.N.
E. J. Flynn, S.R.N.
J. Hummel, S.R.N.
F. M. McGargle, S.R.N.
F. B. Morris, S.R.N., S.C.M.
M. H. Rayner, S.R.N., S.C.M.
O. Stirzaker, S.R.N.
A. T. Stonehouse, S.R.N.

M. Turpin, S.R.N.
H. Waterman, S.R.N.
B. D. Frapple, S.E.A.N. (part-time)

Midwives: (D.H.S.)

M. A. Baldwin, S.R.N., S.C.M.
E. Daly, S.R.N., S.C.M.
K. Holland, S.R.N., S.C.M.
K. Lowry, S.C.M. (half-time)
W. D. Maisey, S.C.M.
G. M. McGregor, S.R.N., S.C.M.
M. M. Shorey, S.R.N., S.C.M.
S. I. Shorey, S.E.A.N., S.C.M.
M. E. White, S.C.M.

Chief Administrative Assistant:
S. Pett

Mental Welfare Officer: (D.H.S.)
M. Clegg

Domestic Help Organiser: (D.H.S.)
J. M. Preston, M.I.H.H.D. (Cert.)

Senior Administrative Assistant:
M. McKeen

Clerks:

M. E. Fox
R. C. Thomas (S.H.S.)
P. Rome (D.H.S.)
J. Hunt
H. Gomersall (D.H.S.)
J. Weir (D.H.S.)
M. M. Morris (D.H.S.)

Shorthand/Typists:

B. McCauley
V. Shepherd (resigned 31.12.60)

Dental Attendants: (S.H.S.)

A. F. Wooton
A. E. Turner

Disinfector:

R. Daniels

Rodent Operative:

W. E. Goodwin

N.B.—D.H.S.—Delegated Health Service.
S.H.S.—School Health Service.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area in acres (land, inland water and foreshore)...	11,201
Rateable Value (April, 1960)	£955,180
The sum represented by a penny rate (1960-61)	£3,889
In 1960-61 the total Rates were 19/10 in the £ (excluding water rates and charges).	

Extracts from Vital Statistics

Total Population (Registrar-General) ...	76,940
Live Births	
Number of Live Births.. .. .	1,268
Rate per 1,000 of the estimated civilian population	16.5
Illegitimate Live Births per cent of total live births	4.8
Stillbirths	
Number of Still Births	28
Rate per 1,000 total live and still births ..	21.6
Total Live and Still Births	1,296
Infant Deaths (deaths under 1 year)	19
Infant Mortality Rates	
Total infant deaths per 1,000 total live births	14.9
Legitimate infant deaths per 1,000 legitimate live births	10.8
Illegitimate infant deaths per 1,000 illegitimate live births	0.0
Neo-natal Mortality Rate (deaths under 4 weeks per 1,000 total live births)	10.2
Early Neo-natal Mortality Rate (deaths under 1 week per 1,000 total live births)	9.4
Perinatal Mortality Rate (stillbirths and deaths under 1 week combined per 1,000 total live and still births)	23.1
Maternal Mortality (including abortion)	
Number of deaths	—
Rate per 1,000 total live and still births ..	0.0
Deaths (all causes)	
Rate per 1,000 of the estimated civilian population	9.9

Deaths in Public Institutions

Three hundred and sixty-seven or 48 per cent of the total, took place in Institutions.

Natural Increase of Population

This is measured by the excess of births over deaths. The figure for the year 1960 was 509 and for previous years as follows :—

Year								Natural Increase of Population
1951	...	...	...	...	...	...	...	251
1952	...	...	...	...	...	...	...	354
1953	...	...	...	...	...	...	...	332
1954	...	...	...	...	...	...	...	542
1955	...	...	...	...	...	...	...	339
1956	...	...	...	...	...	...	...	386
1957	...	...	...	...	...	...	...	462
1958	...	...	...	...	...	...	...	413
1959	...	...	...	...	...	...	...	421
1960	...	...	...	...	...	...	...	509

Cancer

						Cancer Death Rate.	Percentage of Total Deaths	
1951	...	...	...	...	...	1.6	...	14.6
1952	...	...	...	...	...	1.8	...	18.4
1953	...	...	...	...	...	1.6	...	17.1
1954	...	...	...	...	...	1.8	...	21.8
1955	...	...	...	...	...	1.7	...	18.2
1956	...	...	...	...	...	1.8	...	17.5
1957	...	...	...	...	...	1.9	...	19.8
1958	...	...	...	...	...	1.9	...	18.6
1959	...	...	...	...	...	1.9	...	17.5
1960	...	...	...	...	...	2.0	...	20.7

Violence

Deaths from motor vehicle accidents numbered 13, from suicide 13 and from "all other accidents" 16.

PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND OTHER DISEASES

Smallpox

No cases were notified during 1960.

Scarlet Fever

Notifications numbered 32. No cases were removed to hospital. There were no deaths.

Diphtheria

No cases were notified.

TABLE SHOWING NOTIFICATIONS OF DIPHTHERIA
From 1929 to 1960

Period	No. Notified	Deaths Registered.
1929	179	17
1930	42	1
1931	19	1
1932	8	—
1933	17	1
1934	52	4
1935	27	5
1936	17	2
1937	42	1
1938	157	4
1939	86	1
1940	28	1
1941	5	—
1942	7	—
1943	3	—
1944	3	—
1945	2	—
1946	2	—
1947	NIL	—
1948	4	—
1949	NIL	—
1950	NIL	—
1951	NIL	—
1952	NIL	—
1953	NIL	—
1954	NIL	—
1955	NIL	—
1956	NIL	—
1957	NIL	—
1958	NIL	—
1959	NIL	—
1960	NIL	—

IMMUNISATION AGAINST DIPHTHERIA AND WHOOPING COUGH.

VACCINATION AGAINST SMALLPOX AND POLIOMYELITIS, 1960.

Immunisation and Vaccination 1960.

I have set out below the diphtheria immunisation, whooping cough immunisation and smallpox and poliomyelitis vaccination figures for 1960.

DIPHTHERIA IMMUNISATION

Age at Date of Vaccination	Primary Immunisation	Reinforcing Dose
Under 1 year	54 ¹	—
1-4 years	13 ¹	79
5-14 years	23	198
15 years and over ...	—	—
Total all ages	695	277

972 persons were immunised or re-immunised against Diphtheria by general practitioners and local health authority medical officers.

WHOOPING COUGH IMMUNISATION

Age at Date of Vaccination	Primary Immunisation	Reinforcing Dose
Under 1 year	—	—
1-4 years	884	34
5-14 years	36	5
15 years and over ...	—	—
Total all ages	920	39

959 persons were immunised or re-immunised against whooping cough by general practitioners and local health authority medical officers.

VACCINATION AGAINST SMALLPOX

Age at Date of Vaccination	Vaccinated	Re-vaccinated
Under 1 year	629	—
1-4 years	273	8
5-14 years	32	11
15 years and over	20	23
Total all ages	954	42

996 persons were vaccinated or re-vaccinated against smallpox by general practitioners and local health authority medical officers.

Poliomyelitis Vaccination

The following table gives the number of second injections and third injections given during the year ended 31st December, 1960.

Age at Date of Vaccination	Second Injections	Third Injections
Under 1 year	176	4
1-4 years	818	1,099
5-14 years	130	800
15 years and over	1,840	2,668
Total all ages	2,964	4,571

7,537 persons were vaccinated or re-vaccinated against poliomyelitis by general practitioners and local health authority medical officers.

Puerperal Pyrexia

No cases were notified.

Ophthalmia Neonatorum

One case was notified. The patient recovered.

Enteric Fever Group

No cases were notified.

Dysentery

21 cases were notified.

Anterior Poliomyelitis

No cases were notified.

Para Typhoid "B" Fever

No cases were notified.

Pneumonia

7 cases were notified.

Measles and Whooping Cough

				Number of cases notified	Deaths
Measles	...	...	...	173	—
Whooping Cough	...	...	...	74	—

Tuberculosis

Notification of new cases :—

				Pulmonary Rate per 1,000 of population	Non-Pulmonary Rate per 1,000 of population
1951	...	...	...	0.8	0.1
1952	...	...	...	0.9	0.1
1953	...	...	...	1.4	0.1
1954	...	...	...	0.8	0.1
1955	...	...	...	0.8	0.05
1956	...	...	...	0.9	0.04
1957	...	...	...	0.8	0.1
1958	...	...	...	0.7	0.01
1959	...	...	...	0.8	0.1
1960	...	...	...	0.84	0.01

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS 1930

				Pulmonary	Non-Pulmonary	Total
Number on Register at 1st January,						
1960	...	...	...	583	74	657
Number on Register at 31st December, 1960						
...	...	...	...	566	79	645

Notifications

Table compiled from local records, giving details with regard to sex, age, etc., of notified new cases during 1960.

Age Periods	New Cases			
	Respiratory		Non-Respiratory	
	M.	F.	M	F.
Under 5 years	—	1	—	—
5—14 years	2	—	—	—
15—24 „	2	2	1	—
25—44 „	5	9	—	3
45—64 „	7	4	1	—
65 and over	1	1	2	—
Total ...	17	17	4	3

Tuberculosis Death Rate

The following table is inserted for purposes of comparison :

Year	Death Rates per 1,000 of Population		
	All Forms	Pulmonary	Non-Pulmonary
1951	0.36	0.31	0.05
1952	0.21	0.16	0.05
1953	0.16	0.13	0.03
1954	0.09	0.09	0.00
1955	0.03	0.02	0.01
1956	0.10	0.08	0.02
1957	0.07	0.06	0.01
1958	0.12	0.12	0.00
1959	0.09	0.09	0.00
1960	0.02	0.02	0.00

Particulars of patients from the Gillingham Area dealt with at the Chest Clinic, during 1960.

(These figures were kindly supplied by Dr. H. J. Robinson, Consultant Chest Physician).

	Adults		Children		Total	
	M.	F.	M.	F.	M.	F.
Pulmonary	22	22	1	2	23	24
Non-pulmonary	4	5	—	—	4	5
Total	26	27	1	2	27	29

Total attendances numbered 1,850.

Number of patients sent to Sanatoriums or Hospitals—44.

Venereal Diseases

I am indebted to Dr. C. D. Routh, Director of the Medway and Gravesend Hospital Management Committee's Special Clinic in Rochester, for the subjoined figures.

New Patients—Gillingham :

	Male	Female	Total
Syphilis	—	2	2
Gonorrhœa	15	6	21
Non-Venereal	48	12	60
Totals	63	20	83

Attendances of Gillingham patients—694

Infant Mortality

Deaths of infants under 1 year numbered 19, which represents an infant mortality rate of 14.9 per 1,000 live births.

The rate for England and Wales was 21.7 per 1,000 relative live-births, and was the lowest ever recorded in this country. It was 0.5 per 1,000 below that for 1959 the previous lowest.

Maternal Mortality

There were no deaths associated with pregnancy.

Nursing Homes—Public Health Act, 1936.

There were 2 Nursing Homes on the Register at the end of the year, which provided 26 beds for aged persons.

ANALYSIS OF INFANT DEATHS DURING 1960

CAUSE OF DEATH (Local register)	AGE AT DEATH									Total under 1 year
	Under 1 week	1 and under 2 weeks	2 and under 3 weeks	3 and under 4 weeks	Total under 1 month	1 and under 3 months	3 and under 6 months	6 and under 9 months	9 and under 12 months	
Prematurity	7	—	—	—	7	—	—	—	—	7
Pneumonia	—	—	—	—	—	—	—	—	—	—
Bronchitis	—	—	—	—	—	—	—	—	—	—
Gastro Enteritis..	—	—	—	—	—	—	—	—	1	1
Atelectasis	4	—	—	—	4	—	—	—	—	4
Congenital malformations	—	1	—	—	1	—	1	3	—	5
Congenital Heart ..	1	—	—	—	1	—	—	—	—	1
Other causes	—	—	—	—	—	—	—	1	—	1
ALL CAUSES	12	1	—	—	13	—	1	4	1	19

ANALYSIS OF BIRTHS AND INFANT DEATHS FOR THE YEARS 1951 TO 1960

	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
Number of still births	33	30	20	23	28	22	15	24	31	28
Number of neo-natal deaths	20	23	19	19	23	15	19	20	19	13
Total number of still births and neo-natal deaths	53	53	39	42	51	37	34	44	40	41
Number of deaths of infants 1 to 12 months of age	10	3	9	12	14	8	12	9	5	6
Number of live births	1065	1104	1050	1103	1093	1199	1245	1208	1232	1268
Number of still births	33	30	20	23	28	22	15	24	31	28
Total live and still births	1098	1134	1070	1126	1121	1221	1260	1232	1263	1296

MORTALITY RATES CALCULATED PER 1,000 LIVE AND STILL BIRTHS

Still births	30	26	19	20	25	18	12	19	24	22
Neo-natal deaths	18	20	18	17	20	12	15	16	15	10
Perinatal deaths	—	—	—	—	—	—	—	—	13	9
Deaths of infants 1 to 12 months of age	9	3	8	11	12	6	9	7	4	4
Still births and all deaths up to 1 year	57	49	45	48	58	37	36	43	44	36
Infant mortality per 1,000 live births	28	23	27	28	34	19	25	24	19	15

DELEGATED HEALTH SERVICES

Under the Local Government Act of 1958 the Borough on the 1st April, 1960, became responsible, under a scheme of delegation, for the administration of County Council Health and Welfare functions as indicated below.

The County Council continues to be responsible for the remaining services and also for policy and finance in respect of the delegated services.

National Health Service Act, 1946.

Section 21	..	..	Health Centres
22	..	..	Care of Mothers and Young Children
23	..	..	Midwifery
24	..	..	Health Visiting
25	..	..	Home Nursing
26	..	..	Vaccination and Immunisation
28	..	..	Prevention of Illness, Care and After-Care
29	..	..	Domestic Help

Mental Health Act, 1959.

National Assistance Act, 1948.

Section 29	..	..	Welfare arrangements for blind, deaf, dumb and crippled persons, etc.
30	..	..	Voluntary organisations for disabled persons' welfare.

Disabled Persons (Employment) Act, 1958.

Nurseries and Child Minders Regulation Act, 1948.

PREVENTION OF ILLNESS, CARE AND AFTER-CARE

Tuberculosis—Notifications

During the year 41 persons were notified as suffering from tuberculosis. On the 31st December, 645 persons remained on the registers.

Provision of Extra Foods

46 recommendations were made by chest physicians, of which 44 were approved, the remainder not being approved, at the time of recommendation, the patients' financial circumstances brought them outside the application of the Council's assessment regulations.

B.C.G. Vaccination

The carrying out of this vaccination has now been extended to include all persons of 13 years or over who are in full-time attendance at schools and educational establishments as well as persons in close contact with patients suffering from tuberculosis. By the end of the year 757 schoolchildren had been vaccinated and 891 contacts. The schoolchildren were vaccinated at schools by Assistant County Medical Officers and the contacts by chest physicians at the chest clinics.

Illness Generally—Recuperative Care

Recuperative residential care is provided under Sections 22 and 28 of the Act. This is restricted to instances where a person has suffered from an illness which has been treated either in a hospital or at home and whilst needing further medical and/or nursing care of the type that can be provided by a general practitioner and home nurse, cannot have that care at home.

14 applications for recuperative care were received of which 11 were accepted. The other cases were withdrawn before going away.

Beds and Bedding

3 persons were provided with beds and bedding during the year.

Chiropody

A chiropody service was introduced in September for the following persons:—

Old age pensioners,
Permanently handicapped persons,
Expectant mothers.

At the end of the year, approved chiropodists within the scheme, treated 43 patients referred, who made 61 attendances.

Much praise is due to the Gillingham Welfare Association who had held a monthly clinic since January 1959 until the responsibility for the service was undertaken by the local health authority.

CARE OF MOTHERS AND YOUNG CHILDREN

Notification of Births Under the Public Health Act, 1936.

The following is an analysis of the births notified during 1st April to 31st December, 1960, showing the place of confinement:—

Number of			
Births	Domiciliary	Hospital	
814	400	414	

The adjusted totals of notifications received during the 9 month period, i.e., the deduction of those births occurring within the Borough but relating to non-Borough residents, and the addition

of those births occurring outside the Borough but relating to Borough residents, gives the following result:

			Domiciliary	Institutional	Total
Live births	...	...	397	662	1,059
Still births	...	...	7	15	22
Totals	...		404	677	1,081

Child Welfare Centres.

The Child Welfare Centres in the Borough are as follows:--

Balmoral Gardens, Gillingham.

Holding Street, Rainham.

Smallholders Club, Wigmore.

Ante-Natal and Post-Natal Clinics are held at
Balmoral Gardens Centre.

The total attendances at child welfare centres during April to December were 12,276 covering 924 children; of these 711 under one year of age attended for the first time during this period. At ante-natal and post-natal clinics there were 661 first attendances and 346 subsequent attendances.

Special Care of Premature Infants.

During the period 1st April to 31st of December notifications were received of 43 babies who weighed $5\frac{1}{2}$ lbs. or less at birth. Details of these are given in the following tabulation from which it will be seen that 23 were born in hospitals and in nursing homes.

Notifications were received relating to 2 premature still births, and details of these are also given in the following table:—

Weight at Birth (1)	Premature Live Births															Premature Still-Births		
	Born in hospital			Born at home and nursed entirely at home			Born at home and transferred to hospital on or before 28th day			Born in nursing home and nursed entirely there			Born in nursing home and transferred to hospital on or before 28th day			Born in hospital	Born at home	Born in nursing home
	Total	Died within 24 hrs. of birth	Survived 28 days	Total	Died within 24 hrs. of birth	Survived 28 days	Total	Died within 24 hrs. of birth	Survived 28 days	Total	Died within 24 hrs. of birth	Survived 28 days	Total	Died within 24 hrs. of birth	Survived 28 days			
(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	
(a) 3 lb. 4 oz. or less (1,500 gms. or less)	3	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
(b) Over 3 lb. 4 oz. up to and including 4 lb. 6 oz. (1,500–2,000 gms.) ...	3	—	2	—	—	—	—	—	—	1	—	1	—	—	—	1	—	—
(c) Over 4 lb. 6 oz. up to and including 4 lb. 15 oz. (2,000–2,250 gms.) ...	5	1	4	2	—	2	—	—	—	2	—	2	—	—	—	—	—	—
(d) Over 4 lb. 15 oz. up to and including 5 lb. 8 oz. (2,250–2,500 gms.) ...	12	—	12	12	—	11	—	—	—	1	—	1	2	—	2	—	—	—
TOTALS ...	23	3	18	14	—	13	—	—	—	4	—	4	2	—	2	1	1	—

Health Visiting (April to December)

The number of children under five years of age visited totalled 6,214. First visits were paid to 19 expectant mothers and to 930 children under one year of age. The number of families or households visited during the period was 5,672 and the total number of visits paid by health visitors was as follows:—

To expectant mothers	...	...	...	...	22
To children under 1 year	...	...	...	...	3,754
To children aged 1 and under 2 years	...	...	...	...	2,213
To children aged 2 and under 5 years	...	...	...	...	2,477
To patients with tuberculosis	...	...	...	...	—
Other visits (hospital care, care of old people, etc.)					505
Total Visits					8,971

Nurseries and Child Minders (Regulation) Act.

At the end of the year no premises were registered as Nurseries or persons registered as Child Minders under the Act.

Domestic Help Service.

The figures given below show various categories of households where service was provided during the period April to December.

Maternity (lying-in) patients	...	...	...	...	62
Tuberculosis patients	...	...	...	...	3
Person or persons over 65 years	...	...	...	...	454
Others, e.g., illness, mental defective, etc.	...	...	...	...	55
Total households served	...	...	...	...	574

The average number of helps employed part-time remained a approximately 53.

Family Help Service (April to December).

Number of applications from the Children's Dept.	...	...	...	...	17
Number of families in which help has been provided	...	...	...	...	13
Number of children concerned for care	...	...	...	...	46

The following details are given showing the circumstances calling for the provision of this service.

(a) Mother in hospital for confinement or complications of pregnancy or confinement...	...	...	...	...	3
(b) Mother to hospital	...	...	...	...	7
(c) Mother deserted the family	...	...	...	...	1
(d) Mother died	...	...	...	...	2
(e) Mother to convalescent home	...	...	...	...	—

Child Help Service.

No cases were recommended as suitable for this service.

Night Attendant and Evening Service (April to December).

The following table gives details of services provided under the above scheme:-

	Night	Evening
Number of applications received	40	5
Number of cases where help was provided	38	5
Number of cases terminated during 1960	38	4
Number of cases carried forward to 1961	—	1
Average age of patients	77 years	

Midwifery and District Nursing Services.

There were 9 midwives employed by the authority, 8 full- and 1 half-time, and they attended 364 deliveries during April to December, 1960.

During this period the midwifery staff made 109 visits to patients who had been confined in hospital and discharged home before the 14th day of the lying-in period.

District Nursing Service (April to December).

At the 31st December, 1960, there were 14 district nurses employed in the Borough, including one employed part-time only.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Patients included in (2)-(7) who were 65 or over at the time of the first visit during the year. (9)	Children included in (2)-(7) who were under 5 at the time of the first visit during the year. (10)	Patients included in (2)-(7) who have had more than 24 visits during the year. (11)
No. of patients attended ...	816	98	—	4	—	—	918	345	16	158
No. of Nursing Attend nees made by District Nurses ...	26,093	3,591	—	176	—	497	29,860	12,388	263	11,479

BLIND PERSONS

The number of registered blind persons in the Borough at the 31st December, was 141 and the age-sex grouping is:—

Age group	Male	Female	Total	Approximate number of registered blind persons per 10,000 population in respective age groups.
Under 1	—	—	—	0.26
1	—	—	—	
2	—	—	—	
3	—	—	—	
4	—	—	—	
5-10	—	—	—	18.06
11-15	—	1	1	
16-20	1	—	1	
21-29	4	—	4	
30-39	3	1	4	
40-49	3	2	5	
50-59	8	10	18	
60-64	4	4	8	
65-69	4	4	8	
70-79	13	26	39	
80-84	6	22	28	
85-89	4	13	17	
90 and over	—	8	8	
Unknown	—	—	—	
Totals	50	91	141	

The following table shows the action taken concerning the examination of persons alleged to be blind during the period 1st April to 31st December, 1960:—

	Number of Examinations	Certified Blind		Not Certified Blind	
		Male	Female	Male	Female
New Cases	16	2	9	2	3
Re-examinations:—					
Previously blind—					
still blind	—	—	—	—	—
Previously blind—					
now not blind	—	—	—	—	—
Previously not blind					
—still not blind	—	—	—	—	—
Previously not blind					
—now blind	1	—	1	—	—
Totals... ..	17	2	10	2	3

St. Dunstaners.

There are 3 St. Dunstaners registered in the Borough of whom 2 are employed and 1 is unemployable.

Home Teacher.

There is one home teacher employed part-time in the Borough who made 415 visits, gave 43 lessons in Braille and 10 lessons in pastime handicrafts for blind persons.

Workshop Employment.

There was one man employed at the Blind Employment Factory, Waterloo Road, S.E.1, as a brushmaker.

The rates of pay in the workshops are agreed rates fixed through the appropriate negotiating procedure. The workers' actual earnings are augmented by a sum of 15s. a week and additional supplementation as is necessary to bring the earnings plus augmentation up to an agreed minimum wage. The augmentation and supplementation is paid by the Council.

Mental Health.

On the 1st November the Mental Health Act, 1959, became operative and the "duly Authorised Officer" under the Lunacy and Mental Treatment Acts became the "Mental Welfare Officer".

The Regional Hospital Board provide accommodation for sub-normal and severely subnormal persons. During April to December 4 patients were admitted permanently and 4 on a temporary basis. 16 patients were attending the Training Centre, 8 of these in the age group 5-15 and 8 aged 15 and over. 12 patients were on the Waiting List for suitable Hospital accommodation, 6 being classified as urgent and 6 in the non-urgent category.

SANITARY CIRCUMSTANCES OF THE AREA

Water Supply.

Is provided by the Medway Water Board and 38 samples were taken during the year; 16 from the Gillingham area and 22 from the Rainham area. All proved satisfactory.

24,062 dwellings are supplied directly from the mains, this is 99.9% of the total number of dwellings in the Borough, which consist of :—

Houses	...	...	...	...	22,471
Houses, with business premises and shops					1,531
Licensed houses	...	...	...	...	81
Boarding houses	...	...	...	...	4
Total dwellings					24,087

Public Swimming Bath.

I am extremely grateful to Mr. J. K. Urwin, the Borough Engineer, who reported as follows about the Strand Swimming Pool.

STRAND SWIMMING POOL

The Strand swimming pool is the only public bath within the Borough of Gillingham. It is an open air pool roughly 0.60 acre in surface area with a maximum depth of 6'6" at the deep end and 3'3" at the shallow end. The capacity of the pool is about 650,000 gallons.

The pool, which was originally a depression in the clay, has concrete surrounds, sloping concrete sides and a concrete floor, which are being renewed on an annual programme basis. Conveniences and shower baths have been installed and dressing and undressing facilities consist of private cubicles arranged around the outer perimeter of the concrete surround. Swimmers' clothes are placed in baskets which are stored in a separate building.

The water is taken directly from the River Medway at high tide and has a saline content. The water is pumped from the river over the filter beds and is injected with chlorine at the rate of 200 pounds in 24 hours before it enters the pool. The water is not changed during the swimming season but water required to make up losses from leakages, backwashing of filters, evaporation, etc., is taken from the River Medway, the procedure of intake being similar to that of filling the pool.

The treatment of the water is as follows:—

1. Filtration

The filters are gravity type rapid sand filters in two beds, each 23'6" × 11'3", giving a total area of 530 sq. ft. The beds are so constructed that they cannot be used independently.

2. Sterilization

This is accomplished by injection of chlorine gas directly into the water after filtration. The plant installed for this purpose is capable of delivering up to 200 pounds of chlorine in 24 hours.

3. pH Control

This is accomplished by the addition of bicarbonate of soda to the water after the injection of chlorine. The pH value is maintained at about 7.5.

4. Bicarbonate Alkalinity

This is maintained at about 200 pounds per million by the addition of bicarbonate of soda in excess of the amount required to maintain the pH value.

5. Aeration

A compressor plant is provided for this purpose. Although this operation is not strictly necessary with "break-point" chlorination, it is nevertheless being persisted with as it gives sparkle to the water and blows out any combined residual which may be in the water.

6. Coagulation

This is not a continuous operation and is accomplished by adding the requisite amount of alumina ferric to the water passing over the filters immediately after they have been back-washed.

7. Circulation

Two identical pumping units have been installed; each pump working individually will pass about 45,000 gallons per hour. Working together they will pass about 75,000 gallons per hour. With the two pumps in operation, the pool would be turned over in about $8\frac{3}{4}$ hours giving a rate of flow through the filters of about 140 gallons per square foot per hour. Using one pump, the pool would be turned over in about $14\frac{1}{2}$ hours with a flow through the filters of about 85 gallons per square foot per hour. Two complete turnovers are accomplished per 24 hours thus: (a) from 10.0 a.m. to 6.0 p.m., which are the hours of heavy bathing load, both pumps are used; (b) from 6.0 p.m. to 10.0 a.m., the hours of light or no load, one pump is used.

The filtration and sterilization process is carried out continuously throughout the 24 hours, the filtration rate being as set out above and the chlorine injection rate during the hours of heavy load being adjusted to maintain as far as possible a free chlorine value of 2 pounds per million. During the hours of no load, the chlorine injection rate is kept at a constant 100-120 pounds in 24 hours.

The Pool Superintendent is responsible for carrying out tests to ascertain free chlorine residual, pH value and bicarbonate alkalinity at various times of the day. Bacteriological and chemical analyses are carried out by the Public Health Department.

DRAINAGE AND SEWERAGE

The district is main drained to a sewage works situated within this Borough at Motney Hill. The sewage disposal plant is also used jointly by the Rochester and Chatham authorities.

Extension of the main sewers has continued during the year but this generally has been for the purpose of estate development.

Certain isolated parts of the district remain unsewered and for the houses in these areas a cesspool emptying service is provided.

Public Health Inspection.

This portion of the report has been prepared by Mr. F. J. Hedgecock, Chief Public Health Inspector.

Foreword.

Most towns have housing problems and the difficulties that have to be dealt with by health departments in respect of sub-standard properties vary throughout the country. Between 1932-1936 Statute was introduced which gave local authorities a wider power to deal with unfit houses. Although the general standard of living has improved during the intervening years, the definition of unfitness has not kept pace with the times, in fact the statutory standard has declined. Gillingham has a particular problem in the older densely populated areas of small terraced houses which were constructed about 100 years ago, in many instances front doors are entered directly from the pavement, there is no secondary means of access to the rear, therefore all refuse, supplies of fuel, etc., must necessarily be taken through the living rooms. In many of the houses the third bedroom can be entered only by passing through the second bedroom thus disturbing the privacy of the occupants. None of these deficiencies individually or collectively can constitute statutory unfitness. An added factor is that more than 75%—this percentage increases yearly—of these houses are now owner-occupied, thus tending to prolong the time before redevelopment can take place. Whilst enjoying the presence of certain portable scientific labour saving and home entertainment devices, the occupants have no constant hot water supply, bathrooms or indoor sanitation. It often happens that one or more properties in a terrace become so badly neglected that they detract from the amenities of the immediate district and often structurally effect the adjacent properties. This type of property is usually not owner-occupied and the powers to remedy the unfortunate conditions are far from satisfactory. Despite these shortcomings it can be observed that generally the living conditions are reasonably good and the securing of the repairs to appropriate houses continues.

During 1960 the initial surveys were carried out in order to formulate a plan of progress for the implementation of the Clean Air Act. It was decided by the Council that an endeavour should be made to have the whole of the Borough of Gillingham brought within Smoke Control Orders within a period of from 10 to 12 years.

Inspection and Supervision of Food.

On the register of food shops there are 589 premises from which food is sold excluding public houses, off licences, chemists and clubs.

These comprise as follows:—

- 44 Cafés and Kitchens.
- 33 Fishmongers.
- 32 Bakers, Pastry Cooks and Confectioners.
- 54 Butchers' Shops, including three travelling shops.
- 108 Grocers, including four multiple shops and two travelling shops.
- 65 Fruiterers and Greengrocers.
- 253 General Shops and shops selling sugar confectionery.

Food and Drugs Act, 1955.

The following is a summary of samples taken during the year ended
31st December, 1960:—

Article.	No. of Samples.	Article.	No. of Samples
Aspirins	1	Malt Extract	1
Baking Powders	3	Marzipan	3
Bicarbonate of Soda	2	Meat Paste	3
Bread	1	Meat	1
Cake Mixtures	6	Milk	92
Cheese Spread	1	Minced meat	3
Chicken Mince	1	Pectin	1
Chocolate Drink	1	Pepper	1
Colourings... ..	3	Pickles	5
Cooking Oil	3	Puddings	4
Coffee and Chicory Essence	4	Pudding Mix	2
Corn Flour	1	Rum	1
Custard Powder	3	Sago	1
Cream	3	Sauce	9
Cream of Tartar	2	Sausage Meat	1
Curry	1	Sausages	6
Dessicated Coconut	1	Semolina	2
Evaporated Milk	3	Sherry	1
Fish Paste	5	Soups	6
Flavouring and Essences	0	Soft Drinks and Cordials	17
Flour	1	Sterilised Milk	1
Gin	2	Stewed Beef	1
Ground Almonds	3	Sweets	0
Hamburgers... ..	2	Syrup of Figs	2
Ice Cream	2	Tinned Fruit	2
Jam	8	Tinned Vegetables	5
Jelly	3	Vinegar	10
Lemonade Powder	1	Whisky	2
Liquid Paraffin	1	Zinc and Castor Oil Cream	1
Luncheon Meat	3		

Total number of samples taken 273.

These were analysed by the Public Analyst and no samples were certified as adulterated.

The subjoined table shows the premises on the registers and the number of inspections made.

	On Register 31st Dec.	No. of visits during 1960
Bakehouses	9	47
Dairies and Milk Distributors	213	215
Retailers of bottled sterilised milk	189	
Fried Fish Shops	24	23
Pressed and Preserved Meat Premises	68	21
Premises registered for Ice Cream:—		
(a) Sale... ..	333	145
(b) Manufacture	8	

Carcases Inspected and Condemned.

	Cattle exclud- ing Cows	Cows	Calves	Sheep and Lambs	Pigs	Total
Number inspected ...	—	—	—	141	434	575
All Diseases except Tuber- culosis—						
Whole carcases condemned	—	—	—	1	1	2
Carcases of which some part or organ was condemned	—	—	—	4	19	23
Percentage of the num- ber inspected affected with disease other than tuberculosis ...	—	—	—	3.5	4.63	4.34
Tuberculosis Only—						
Whole carcases condemned	—	—	—	—	—	—
Carcases of which some part or organ was condemned	—	—	—	—	—	—
Percentage of the num- ber inspected affected with tuberculosis ...	—	—	—	—	—	—

Unsound Food

Amount of food condemned weighed 6 cwt 1 qtr 21 lbs. This included tinned foods, cheese and ham.

Housing Summary

1. Inspection of dwelling-houses during the year :—

(1)	(a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	1913
	(b)	Number of inspections made for the purpose	4023
(2)	(a)	Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Regulations	1303
	(b)	Number of inspections made for the purpose	1407
(3)		Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	32
(4)		Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	19

2. Remedy of defects during the year without service of formal notices :—

Number of defective dwelling-houses rendered fit in consequence of informal action by the local authority or their officers	126
--	-----

3. Action under statutory powers during the year :—

(a) Proceedings under Public Health Acts :—

(1)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	83
(2)	Number of dwelling-houses in which defects were remedied after service of formal notices :	
	(a) By owners	188
	(b) By local authority in default of owners	6

(b) Proceedings under Housing Act :—

(1)	Demolition Orders	6
(2)	Closing Orders	26
(3)	Undertakings not to re-let for human habitation	—
(4)	Houses demolished during 1960 as the result of formal action under the Act ..	20

Preliminary and Abatement Notices

During the year the following notices were served :—

Informal Notices for the abatement of various nuisances	...	...	...	...	...	...	67
Abatement Notices concerning various nuisances (Section 93 of the Public Health Act, 1936)	...						48
Section 24 of the Public Health Act, 1936 (Maintenance of a public sewer)	...	...	...	...	...	...	75
Section 39 of the Public Health Act, 1936 (Defective sanitary appliance)	...	...	...	...	...	...	30
Section 44 of the Public Health Act, 1936 (Construction of W.C.)	...	...	...	...	...	...	—
Section 45 of the Public Health Act, 1936 (Notice to repair defective closet)	...	...	...	...	...	...	18
Section 50 of the Public Health Act, 1936 (Leaking Cesspools)	...	...	...	...	...	...	—
Gillingham Corporation Act, 1931, Section 72, respecting choked or defective drains	...	...	...	...	...	...	23
Section 56 of the Public Health Act, 1936 (Yard Paving)							3
Section 75 of the Public Health Act, 1957 (Provision of Dustbins)	...	...	...	...	...	...	19
Section 9 of the Housing Act, 1957 (notice to execute works).	...	...	...	...	...	...	33
							—
			Total	...	...	...	316

Nuisances Abated

Water Closets :

Wash basins provided	...	...	...	...	...	—
New pans and traps fitted	...	...	...	...	...	3
Water closets re-built	...	...	...	...	...	4
New water closets constructed	...	...	...	...	...	1
Water closet fittings repaired (water)	...	...	...	...	...	24
Water closet seats, doors, floors, brickwork repaired...	...	...	...	...	...	50

Water Supply :

Pipes repaired	...	...	...	...	...	1
Internal supply provided	...	...	...	...	...	1

Yards :

Drained and paved with cement concrete	...	...	...	...	...	14
--	-----	-----	-----	-----	-----	----

Sinks and Baths :

Glazed stoneware sinks fixed	...	...	...	...	...	16
Sink waste pipes provided and fixed	...	...	...	...	...	13

Drainage :

Drains repaired	...	...	...	...	...	112
Subsidiary sewers cleared by Health Department	...	...	...	...	...	1,192
Inspection chambers repaired	...	...	...	...	...	1
Cesspools emptied by Health Department	...	...	...	...	...	299

Dampness :

Roofs repaired and made watertight	...	...	...	...	...	151
Eaves guttering and down pipes provided or repaired	...	...	...	...	...	116
External walls protected from dampness	...	...	...	...	...	172
Internal walls repaired	...	...	...	...	...	235
Damp-proof courses inserted	...	...	...	...	...	53
Ventilation provided under floors	...	...	...	...	...	8
Forecourts paved with cement concrete	...	...	...	...	...	5

General

Disused cesspools filled in	...	...	...	...	...	2
Accumulation of refuse in yard removed	...	...	...	...	...	10
Dangerous cellar flaps repaired	...	...	...	...	...	5
Cooking ranges and coppers repaired	...	...	...	...	...	20
Sashes, doors, frames, floors, and stairs repaired	...	...	...	...	...	452
Ceilings repaired and distempered	...	...	...	...	...	88
Back additions underpinned and repaired	...	...	...	...	...	—
Dustbins provided	...	...	...	...	...	31

Factories Acts, 1937 and 1948.

The following Tables give details of the work carried out at factories, and premises used by outworkers.

I. INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH.

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authority	61	4 ¹	1	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	120	145	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises)	14	14	—	—
Totals	201	200	1	—

II CASES IN WHICH DEFECTS WERE FOUND.

Particulars	Number of cases in which Defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	To H.M. Inspector	By H.M. Inspector	
Want of cleanliness	1	1	—	1	—
Overcrowding ...	—	—	—	—	—
Unreasonable temperature ...	—	—	—	—	—
Inadequate ventilation ...	—	—	—	—	—
Ineffective drainage of floors	—	—	—	—	—
Sanitary Conveniences	—	—	—	—	—
(a) Insufficient ...	—	—	—	—	—
(b) Unsuitable or defective	—	—	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
Totals	1	1	—	1	—

Premises, Etc., Visited During 1960

	No. of Visits
Milk shops and dairies and retailers of bottled sterilised milk	216
Refreshment houses or premises where food is prepared	1,476
Miscellaneous, including Pet Animals Act, etc. ...	1,118
Factories, workshops and workplaces	473
Re notified infectious diseases	88
Houses (filthy or verminous)	4
Piggeries and Stables	71
Animals kept so as to be a nuisance	7
Public lavatories	1,086
Drains tested	99
Complaints received	1,267
Total number of visits of all types made by Inspectors during the year	11,806

Merchandise Marks Act.

18 inspections were carried out and these were chiefly in connection with fresh and dried fruits and meat marking, 2 contraventions were observed and these infringements were immediately rectified upon verbal notice and warning being given.

Shops Acts.

594 inspections were carried out in order to ensure compliance with the requirements of the Act. On no occasion was it necessary to take statutory action but on many occasions advice was given in respect of the keeping of the various forms and records.

There are 1,059 shops on the register.

Prevention of Damage by Pests Act, 1949.

	Rats	Mice
Number of complaints received ...	138	120
Infestations found	132	118
Infestations found on independent investigation	78	20
Action taken :—		
Premises treated by Operator ...	210	138

Sewer Treatment :—

Number of manholes treated ...	216
--------------------------------	-----

Eradication of Bed-Bugs, Disinfections, etc.

The number of houses found to be infested was :—

Council Houses	21
Other Houses	69
Bedding removed and disinfected	35
Total number of rooms sprayed for Bugs, T.B., etc.	261
Total number of articles disinfected	715

Table showing:—(a) The distribution in age groups of infectious disease cases notified during 1960.
(b) The number removed to Hospital.

(Local Records).

NOTIFIABLE DISEASE	CASES NOTIFIED (<i>Diagnosis Corrected</i>)							Removed to Hospital
	YEARS							
	All Ages	Under 5	5-14	15-44	45-64	65 and Over	Age Unknown	
Pneumonia	7	2	2	3	—	—	—	—
Erysipelas	2	—	—	—	2	—	—	—
Influenzal Meningitis	1	1	—	—	—	—	—	—
Menigicoccal Meningitis	1	—	—	—	1	—	—	—

Table showing:—(a) The distribution in age groups of infectious disease cases notified during 1960.
 (b) The number removed to Hospital.
 (Local Records).

NOTIFIABLE DISEASE	CASES NOTIFIED (<i>Diagnosis Corrected</i>)										Removed to Hospital
	YEARS										
	All Ages	Under 1	1-2	3-4	5-9	10-14	15-24	25 and Over	Age Unknown		
Scarlet Fever ...	32	1	3	7	15	3	1	—	2	—	
Whooping Cough...	74	5	15	23	26	3	1	—	1	1	
Acute Poliomyelitis	—	—	—	—	—	—	—	—	—	—	
Measles ...	173	7	42	33	86	1	1	—	3	1	
Ophthalmia Neonatorum ...	1	1	—	—	—	—	—	—	—	1	
Puerperal Pyrexia	—	—	—	—	—	—	—	—	—	—	
Dysentery	21	1	2	1	4	3	3	7	—	1	

Causes of Deaths amongst Civilians, Live and Still Births as provided by the Registrar-General:—

CAUSES OF DEATH						Male	Female	Total
1.	Tuberculosis, respiratory	...	...	...	...	1	1	2
2.	Tuberculosis, other	...	...	...	...	—	—	—
3.	Syphilitic disease	...	...	...	...	1	—	1
4.	Diphtheria	...	...	...	...	—	—	—
5.	Whooping Cough	...	...	...	...	—	—	—
6.	Meningococcal infections	...	...	...	...	—	—	—
7.	Acute Poliomyelitis	...	...	...	...	—	—	—
8.	Measles	...	...	...	...	—	—	—
9.	Other infective and parasitic diseases	...	...	...	...	—	—	—
10.	Malignant neoplasm, stomach	...	...	...	...	11	14	25
11.	Malignant neoplasm, lung, bronchus	...	...	...	...	26	5	31
12.	Malignant neoplasm, breast	...	...	...	...	—	15	15
13.	Malignant neoplasm, uterus	...	...	...	...	—	10	10
14.	Other malignant and lymphatic neoplasms...	...	...	...	...	39	37	76
15.	Leukaemia, aleukaemia	...	...	...	...	1	2	3
16.	Diabetes	...	...	...	...	2	1	3
17.	Vascular lesions of nervous system	...	...	...	...	49	63	112
18.	Coronary disease, angina	...	...	...	...	83	45	128
19.	Hypertension with heart disease	...	...	...	...	9	7	16
20.	Other heart disease	...	...	...	...	32	48	80
21.	Other circulatory disease	...	...	...	...	9	24	33
22.	Influenza	...	...	...	...	1	—	1
23.	Pneumonia	...	...	...	...	28	18	46
24.	Bronchitis	...	...	...	...	27	13	40
25.	Other diseases of respiratory system	...	...	...	...	4	—	4
26.	Ulcer of stomach and duodenum	...	...	...	...	5	1	6
27.	Gastritis, enteritis and diarrhoea	...	...	...	...	2	—	2
28.	Nephritis and nephrosis	...	...	...	...	2	1	3
29.	Hyperplasia of prostate	...	...	...	...	4	—	4
30.	Pregnancy, childbirth, abortion	...	...	...	...	—	—	—
31.	Congenital malformations	...	...	...	...	4	3	7
32.	Other defined and ill-defined diseases	...	...	...	...	28	41	69
33.	Motor vehicle accidents	...	...	...	...	10	3	13
34.	All other accidents	...	...	...	...	5	11	16
35.	Suicide	...	...	...	...	7	6	13
36.	Homicide and operations of war	...	...	...	...	—	—	—
ALL CAUSES						390	369	759
Deaths of Infants under 1 year :—								
Legitimate						12	7	19
Illegitimate						—	—	—
Total						12	7	19
Births				For Infant Mortality, etc.				
				M.	F.	Total		
LIVE BIRTHS :—								
Legitimate				633	574	1207		
Illegitimate				37	24	61		
Total				670	598	1268		
Still BIRTHS :—								
Legitimate				16	12	28		
Illegitimate				—	—	—		
Total				16	12	28		

SCHOOL HEALTH SERVICE

Under the provisions of the Education Act, 1944, Gillingham is an "excepted district."

Number on School Roll	11,229
Average attendance 1960	10,406
" Periodic " cases examined	4,024
Total medical examinations	4,971
Visits to schools by nurses	326
Visits to homes by nurses	75
Inspections by school dentists	8,624
Treated by school dentists	2,055
Percentage of average attendance found verminous	1.0
Percentage of average attendance excluded for verminous conditions	0.2
Total attendances at various clinics (dental excluded)	4,377

Heights and Weights

Age	BOYS			GIRLS		
	Number examined	Average		Number examined	Average	
		Height in inches	Weight in lbs.		Height in inches	Weight in lbs.
4-5 years	103	41.5	40.7	77	42.5	40.9
5-6 "	471	43.8	44.3	391	43.4	43.3
6-7 "	42	47.4	50.6	21	45.6	49.0
7-8 "	15	48.6	58.4	8	46.4	51.0
8-9 "	359	49.8	58.3	470	50.2	58.6
9-10 "	—	—	—	—	—	—
10-11 "	1	53.0	56.0	—	—	—
11-12 "	513	58.7	86.2	329	57.9	87.1
12-13 "	145	57.7	83.4	100	58.3	91.4
13-14 "	—	—	—	—	—	—
14-15 "	372	65.0	121.5	281	62.9	113.9
15-16 "	75	65.5	124.7	77	63.1	117.3

Provision of Milk

Milk is provided free of charge to all school children. During December 9,054 children were supplied with milk each day. This represents 80.6% of the total number of children on the roll.

Infectious Diseases

The following summary gives the number of patients excluded during the years 1951-60 (Private schools included).

				Scarlet Fever Cases	Diphtheria Cases
1951	...	...	...	38	—
1952	...	...	...	119	—
1953	...	...	...	49	—
1954	...	...	...	42	—
1955	...	...	...	22	—
1956	...	...	...	10	—
1957	...	...	...	10	—
1958	...	...	...	19	—
1959	..	...	...	63	—
1960	...	...	...	10	—

Following-up by Nurses

The nurses paid 75 home visits.

Summary of Nurses Work

(1)	Total visits to schools	...	...	...	326
(2)	Attendances at routine medical inspections				208
(3)	Attendances at clinics	...	...	...	456
(4)	Visits to homes	...	...	...	75
(5)	Examination of heads and bodies re cleanliness	...	...	...	8,433
(6)	Notices sent re nits (children not excluded from school)	...	...	...	40
7)	Notices sent re nits and vermin (children excluded from school)	...	...	...	26

Attendances at Treatment Clinics

			Balmoral Gardens	Rainham	Total 1960	Total 1959
Ringworm	...	...	1	3	4	11
Ear defects	...	...	38	15	53	125
Impetigo	...	...	66	23	89	119
Scabies	...	...	—	7	7	21
Other skin diseases	...	...	15	20	35	66
External eye disease	...	...	79	45	124	283
Other conditions	...	...	531	505	1,036	903
Totals	...	...	730	618	1,348	1,528

Children suffering from the following conditions made first attendances for inspection :—

			Balmoral Gardens	Rainham	Total 1960	Total 1959
Catarrh, sore throats, colds etc.			2	1	3	16
Vermin of head or body, nits, etc.	...	...	21	16	37	28
Ringworm	...	...	1	1	2	2
Impetigo	...	...	8	12	20	23
Scabies	...	...	—	3	3	9
Other skin diseases	...	...	13	10	23	43
Defective vision, sore eyes, etc.			95	28	123	125
Nose and throat diseases	...		—	—	—	1
Tubercular and pretubercular conditions	...	...	—	—	—	—
Chorea	...	...	—	—	—	1
Epilepsy	...	...	—	—	—	—
Ear disease	...	...	6	5	11	26
Heart disease	...	...	—	—	—	1
Rheumatism	...	...	—	—	—	—
Deformities	...	...	2	2	4	5
Convalescents from infectious diseases	...	...	—	7	7	10
Other diseases and defects	...		134	115	249	319
Totals	...	...	282	200	482	609

Orthoptic Clinic

During the year 11 cases were referred to St. William's Hospital, Rochester for the orthoptic treatment of children suffering from squint.

Ophthalmic Clinic

The work of the clinic may be summarised thus:—

Sessions held	...	...	...	...	...	132
Number of children examined for first time	...					154
Number of children re-examined	...	...				1,152
Total attendances	...	...	...	...	...	1,306
Glasses prescribed	...	...	...	...	...	304
Glasses not required or no change necessary	...					1,002
Referred to hospital	...	...	...	...	...	11

B.C.G. Vaccination of school children

The following summary gives details of the work undertaken:—

Number of sessions	...	...	...	...	...	45
Number of 1st Mantoux tests	...	...	...	...	...	839
Number found to have positive reactions	...	...				65
Number vaccinated	...	...	...	...	...	757
Number of 2nd Mantoux tests	...	...	...	...	...	31
Number of conversions	...	...	...	...	...	17
Number re-vaccinated	...	...	...	...	...	14

65 children were referred to the Chest Physician, who reported as follows:—

- 52 were found to be normal
- 10 already attending Chest Clinic
- 3 did not attend

Handicapped Pupils requiring education at Special Schools or Boarding in Boarding Homes

1960	Blind (1)	Partially sighted (2)	Deaf (3)	Partially deaf (4)	Delicate (5)	Physically handicapped (6)	Educationally subnormal (7)	Maladjusted (8)	Epileptic (9)	TOTAL (10)
In the calendar year :										
A. Handicapped Pupils newly placed in Special Schools or Homes	—	—	1	—	5	—	1	—	—	7
B. Handicapped Pupils newly assessed as requiring education at Special Schools or boarding in Homes ...	—	—	1	—	4	—	2	2	—	9
On or about 31st Jan. 1960 :—										
C. No. of Handicapped pupils from the area—										
(i) attending Special Schools as										
(a) Day Pupils	—	—	—	—	—	—	28	—	—	28
(b) Boarding Pupils ...	—	—	5	—	10	6	6	9	—	36
(ii) boarded in Homes ...	—	—	—	—	2	—	—	—	—	2
(iii) attending independent schools under arrangements made by the Authority	—	—	—	—	—	—	—	—	—	—
TOTAL (C)	—	—	5	—	12	6	34	9	—	66
D. No. of Handicapped Pupils being educated under arrangements made under Section 56 of the Education Act, 1944—										
(i) in hospitals	—	—	—	—	—	—	—	—	—	—
(ii) elsewhere	—	—	—	—	—	—	—	—	—	—
(iii) at home	—	—	—	—	—	5	—	—	—	5
E. No. of Handicapped pupils from the area requiring places in special schools:—										
(i) Day	—	—	—	—	—	—	9	—	—	9
(ii) Boarding	—	—	—	—	—	1	2	3	—	6

Handicapped Pupils requiring education at Special Schools or Boarding in Boarding Homes—*continued*

Number of children reported during the year :—

(a) under Section 57(3)	3
(b) under Section 57(3)	—
(c) under Section 57(5)	—

of the Education Act, 1944.

Amount spent on arrangements under Section 56 of the Education Act, 1944, for the education of handicapped pupils in the financial year ended 31st March, 1960 £607 os. od.

Uncleanliness

The number of visits by nurses to school departments was 65. Total examinations numbered 8,433 and 111 individual children were found unclean.

The following percentages are interesting :—

Year	Percentage of average attendance found verminous	Percentage of average attendance excluded
1951	6.7	2.4
1952	5.8	0.9
1953	4.2	0.9
1954	2.6	0.5
1955	1.8	0.4
1956	1.5	0.3
1957	1.8	0.3
1958	1.1	0.2
1959	0.6	0.2
1960	1.0	0.2

CHILDREN AND YOUNG PERSONS ACT, 1933 EMPLOYMENT OF CHILDREN

NUMBER OF MEDICAL EXAMINATIONS BETWEEN 1st JANUARY, 1960 AND 31st DECEMBER, 1960.

Centre for Examination	No. of Children Examined	No. of Certificates Refused
Balmoral Gardens, Gillingham	177	—
Health Centre, Rainham	41	—
Total	218	—

STAFF MEDICAL EXAMINATIONS

The following medical examinations were carried out and x-ray arrangements made in respect of the following during 1960:—

School meals service staff	32
Caretakers and cleaners	14
Prospective student teachers	13
Teachers	9
Clerical and other staff	6
	74

STATISTICAL TABLES

PART I—MEDICAL INSPECTION OF PUPILS ATTENDING MAINTAINED AND ASSISTED PRIMARY AND SECONDARY SCHOOLS

TABLE A
PERIODIC MEDICAL INSPECTIONS

Age Groups Inspected (By years of birth)	No. of pupils Inspected	Physical Condition of Pupils Inspected			
		Satisfactory		Unsatisfactory	
		No. (3)	% of Col. 2 (4)	No. (5)	% of Col. 2 (6)
(1)	(2)	(3)	(4)	(5)	(6)
1956 and later	9	9	100.0	—	—
1955	830	784	94.5	46	5.5
1954	247	240	97.2	7	2.8
1953	47	46	97.9	1	2.1
1952	683	667	97.7	16	2.3
1951	315	312	99.0	3	1.0
1950	1	1	100.0	—	—
1949	650	638	98.1	12	1.9
1948	394	380	96.4	14	3.6
1947	43	43	100.0	—	—
1946	—	—	—	—	—
1945 and earlier	805	789	98.0	16	2.0
Total ...	4,024	3,909	97.1	115	2.9

TABLE B
PUPILS FOUND TO REQUIRE TREATMENT AT
PERIODIC MEDICAL INSPECTIONS
(excluding Dental Diseases and Infestation with Vermin)

Age Groups Inspected (By year of birth) (1)	For defective vision (excluding squint) (2)	For any of the other conditions recorded in Part II (3)	Total individual pupils (4)
1956 and later	—	3	3
1955	16	174	156
1954	6	85	67
1953	—	10	8
1952	53	134	164
1951	28	50	76
1950	—	—	—
1949	39	77	106
1948	23	57	64
1947	10	2	11
1946	—	—	—
1945 and earlier	68	108	146
Total ...	243	700	801

TABLE C
OTHER INSPECTIONS

Number of Special Inspections	...	...	499
Number of Re-inspections	...	...	448
Total	...	...	947

TABLE D
INFESTATION WITH VERMIN

- | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-------|
| (a) Total number of individual examinations of pupils in schools by school nurses or other authorised persons | ... | ... | ... | ... | ... | ... | 8,433 |
| (b) Total number of individual pupils found to be infested | ... | ... | ... | ... | ... | ... | 111 |
| (c) Number of individual pupils in respect of whom cleansing notices were issued (Section 54(2), Education Act, 1944) | ... | ... | ... | ... | ... | ... | — |
| (d) Number of individual pupils in respect of whom cleansing orders were issued (Section 54(3), Education Act, 1944) | ... | ... | ... | ... | ... | ... | — |

**PART II—DEFECTS FOUND BY MEDICAL INSPECTION
DURING THE YEAR**

**TABLE A
PERIODIC INSPECTIONS**

Defect Code No.	Defect or Disease	PERIODIC INSPECTIONS							
		Entrants		Leavers		Others		Total	
		(T) (3)	(O) (4)	(T) (5)	(O) (6)	(T) (7)	(O) (8)	(T) (9)	(O) (10)
(1)	(2)								
4	Skin	16	2	8	—	25	—	49	2
5	Eyes—								
	a. Vision	22	51	68	—	153	60	243	111
	b. Squint	26	15	—	1	8	5	34	21
	c. Other	6	8	4	—	8	—	18	8
6	Ears—								
	a. Hearing... ..	5	28	3	—	6	15	14	43
	b. Otitis Media ...	—	1	—	—	7	—	7	1
	c. Other	1	—	—	—	1	1	2	1
7	Nose and Throat ...	60	39	4	—	32	10	96	49
8	Speech... ..	9	30	1	—	3	5	13	35
9	Lymphatic Glands ...	—	3	—	—	—	1	—	4
10	Heart	4	2	3	—	6	2	13	4
11	Lungs	27	5	5	—	15	3	47	8
12	Developmental—								
	a. Hernia	14	3	2	—	14	3	30	6
	b. Other	4	6	—	—	1	9	5	15
13	Orthopaedic—								
	a. Posture	3	10	3	—	7	9	13	19
	b. Feet	60	9	51	—	147	7	258	16
	c. Other	6	7	10	—	13	1	20	8
14	Nervous System—								
	a. Epilepsy	2	1	1	—	3	—	6	1
	b. Other	—	—	1	—	1	—	2	—
15	Psychological—								
	a. Development ...	1	1	—	—	—	1	1	2
	b. Stability	3	16	1	—	3	—	7	16
16	Abdomen	11	—	9	—	8	1	28	1
17	Other	9	6	4	1	16	3	29	10

TABLE B

SPECIAL INSPECTIONS

Defect Code No.	Defects or Disease	SPECIAL INSPECTIONS	
		Pupils requiring Treatment	Pupils requiring Observation
(1)	(2)	(3)	(4)
4	Skin	45	2
5	Eyes—		
	a. Vision	49	24
	b. Squint	—	—
	c. Other	45	4
6	Ears—		
	a. Hearing..	—	—
	b. Otitis Media	3	—
	c. Other	8	—
7	Nose and Throat	2	1
8	Speech... ..	3	—
9	Lymphatic Gland	—	—
10	Heart	—	—
11	Lungs	—	2
12	Developmental—		
	a. Hernia	—	—
	b. Other	—	—
13	Orthopaedic—		
	a. Posture	—	—
	b. Feet	1	1
	c. Other	—	2
14	Nervous System—		
	a. Epilepsy	—	—
	b. Other	—	—
15	Psychological—		
	a. Development	1	4
	b. Stability	1	2
16	Abdomen	—	—
17	Other	220	10

**PART III—TREATMENT OF PUPILS ATTENDING MAINTAINED
AND ASSISTED PRIMARY AND SECONDARY SCHOOLS**

TABLE A
EYE DISEASES, DEFECTIVE VISION AND SQUINT

	Number of cases known to have been dealt with
External and other, excluding errors of refraction and squint	87
Errors of refraction (including squint) ...	1,393
Total ...	1,480
Number of pupils for whom spectacles were prescribed	304

TABLE B
DISEASES AND DEFECTS OF EAR, NOSE AND THROAT

	Number of cases known to have been dealt with
Received operative treatment	
(a) for diseases of the ear	—
(b) for adenoids and chronic tonsilitis ...	8
(c) for other nose and throat conditions	—
Received other forms of treatment ...	11
Total ...	19
Total number of pupils in schools who are known to have been provided with hearing aids	
(a) in 1960	—
(b) in previous years	2

TABLE C
ORTHOPAEDIC AND POSTURAL DEFECTS

	Number of cases known to have been treated
(a) Pupils treated at clinics or out-patients departments	—
(b) Pupils treated at school for postural defects	—
Total ...	—

TABLE D
DISEASES OF THE SKIN
(excluding uncleanness, for which see Table D of Part I)

					Number of cases known to have been treated
Ringworm—(a) Scalp	...	...	...		—
(b) Body	...	...	...		2
Scabies	...	...	...	...	3
Impetigo	...	...	...	...	19
Other skin diseases	...	...	...	...	10
Total					34

TABLE E
CHILD GUIDANCE TREATMENT

	Number of cases known to have been treated
Pupils treated at Child Guidance Clinics ...	—

TABLE F
SPEECH THERAPY

	Number of cases known to have been treated
Pupils treated by speech therapists ...	28

TABLE G
OTHER TREATMENT GIVEN

				Number of cases known to have been dealt with
(a)	Pupils with minor ailments	...	...	495
(b)	Pupils who received convalescent treatment under School Health Service arrangements	...	...	—
(c)	Pupils who received B.C.G. vaccination			771
(d)	Other than (a), (b) and (c) above			
	Please specify:			
	Catarrh, Sore throats	...	...	—
Total (a)-(d)				1,266

**PART IV—DENTAL INSPECTION AND TREATMENT
CARRIED OUT BY THE AUTHORITY**

(1)	Number of pupils inspected by the Authority's Dental Officers—	
(a)	At Periodic Inspections	7,450
(b)	As specials	1,174
	Total (1) ...	8,624
(2)	Number found to require treatment (includes 1(b))	6,957
(3)	Number offered treatment	4,918
(4)	Number actually treated... ..	2,055
(5)	Number of attendances made by pupils for treatment, including those recorded at 11 (b) ..	4,727
(6)	Half days devoted to:	
(a)	Periodic (School) Inspection	47
(b)	Treatment	567
	Total (6) ...	614
(7)	Fillings: (a) Permanent Teeth	1,937
	(b) Temporary Teeth	555
	Total (7) ...	2,492
(8)	Number of Teeth filled: (a) Permanent Teeth	1,846
	(b) Temporary Teeth	504
	Total (8) ...	2,350
(9)	Extractions: (a) Permanent Teeth	684
	(b) Temporary Teeth	2,582
	Total (9) ...	3,266
(10)	Administration of general anaesthetics for extraction	2,059
(11)	Orthodontics:	
(a)	Cases commenced during the year	—
(b)	Cases carried forward from previous year...	18
(c)	Cases completed during the year	1
(d)	Cases discontinued during the year	14
(e)	Pupils treated with appliances	2
(f)	Removable appliances fitted	2
(g)	Fixed appliances fitted	—
(h)	Total attendances	75
(12)	Number of pupils supplied with artificial teeth	5
(13)	Other operations: (a) Permanent Teeth	194
	(b) Temporary Teeth	11
	Total (13) ...	205

